

STUDIES IN THE EUPATORIEAE (ASTERACEAE). LIII.

A NEW GENUS, RAULINOREITZIA.

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Two of the genera, Acanthostyles and Raulinoreitzia, that we refer to the Disynaphia Complex have pyramidally paniculate inflorescences. The slightly reddish colored and sometimes inclined or pendant series of heads are reminiscent of the habit of some grasses. Of these two genera, Raulinoreitzia is totally distinctive by its unlobed leaves, short-papillose stylar appendages and enlarged blunt apical cells on the pappus setae. The genus is distinguished from all others with such enlarged blunt apical cells on the pappus setae by the five flowered heads and by the lack of hairs on the base of the style.

Raulinoreitzia R.M.King & H.Robinson, genus novum Asteracearum (Eupatorieae). Plantae suffrutescentes erectae laxae ramosae. Caules teretes. Folia opposita distincte petiolata, laminis ellipticis vel basi cuneatis margine serrulatis. Inflorescentiae paniculatae; pedicelli glabri. Involucri squamae imbricatae ca. 15-20 valde inaequilongae ca. 4-seriatae glabrae ex parte rufescentes interiores anguste oblongae; receptacula parum convexa glabra. Flores 5 in capitulo; corollae anguste infundibulares 5-lobatae extus glanduliferae intus glabrae, cellulis angustis parietibus sinuosis, lobis aequilateraliter triangularibus vel longioribus extus ad apicem paucè papillois; filamenta antherarum in parte superiore angusta, cellulis quadratis vel elongatis, parietibus annulate ornatis, thecis basi vix hastatis, cellulis exothecialibus subquadratis, appendicibus antherarum oblongis; styli inferne non incrassati glabri, appendicibus linearibus breviter papillois; achaenia prismatica 4-5 costata fere glabra, punctis saepe in seriebus transversis; carpopodia parva cylindrica superne dense breviter fimbriata, parietibus tenuibus; pappus setiformis uniseriatus, setis ca. 30 scabris ad apicem dilatatis, cellulis apicalibus inflatis obtusis.

Species typica: Baccharis crenulata Sprengel

The genus is named after P. Raulino Reitz recently appointed Director of the Jardim Botânico in Rio de Janeiro. Dr. Reitz is well known for his previous work at the Herbario "Barbosa Rodrigues" in Itajaí, Santa Catarina, Brasil. In addition to his other contributions, Dr. Reitz has served as

editor of *Sellowia* and of the important series of *Flora Illustrada Catarinense*.

Our studies of the genus indicate that it contains the following two species.

Raulinoreitzia crenulata (Sprengel) R.M.King & H.Robinson, comb. nov. Baccharis crenulata Sprengel, Syst. Veg. 3: 466. 1826. Argentina, Bolivia, Brazil, Peru, Paraguay.

Raulinoreitzia tremula (Hook. & Arn.) R.M.King & H.Robinson, comb. nov. Eupatorium tremulum Hook. & Arn., Hook. Comp. Bot. Mag. 1: 241. 1836. Argentina, Brazil, Uruguay.

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